

SMOLAGA, Jersy; KOBIELA, Jan; TOMASZEWSKI, Maciej

Experimental studies on morphology of breast secretion. V, Morphological components of breast secretion in abortion. Polski tygod. lek. 9 no.34:1065-1067 23 Aug 54.

1. 2 Zakladu Medycyny Sadowej A.M. w Krakowie; kierownik: prof. dr Jan Olbrycht.

(ABORTION, physiology,
breast secretion, cytol. aspects)

(BREAST,
secretion in abortion, cytol. aspects)

TOMASZEWSKI, Maciej; SMOLAGA, Jerzy; KOBIELA, Jan

Critical and experimental studies on secretion of the breast. IV.
Morphological component of breast secretion in non-nursing mothers
in puerperium. Polski tygod. lek. 9 no.32:1000-1001 9 Aug 54.

1. Z Zakładu Medycyny Sadowej A.M. w Krakowie, kierownik: prof.
dr Jan Olbrycht.

(BREAST,

secretion in puerperium in non-nursing mothers, cytol.
aspects)

(PUERPERIUM, physiology,

breast secretion, cytol. aspects)

SMOLAGA, Jerzy; KOBIELA, Jan; TOMASZEWSKI, Maciej

Critical and experimental studies on morphology of excretion of the breast. VII. Morphologic studies of excretion of the breast from forensic viewpoint. Polski tygod. lek. 9 no.46:1475-1476 15 Nov 54.

1. Krakow, Zaklad Med. Sadowej, ul. Grzegorzewska 16.
(BREAST,
secretion, morphol. in forensic med.)

TOMASZEWSKI, Maciej; KOBIELA, Jan; SMOLAGA, Jerzy

Critical and experimental studies on morphology of breast secretion.
VI. Morphologic components of breast secretion in conditions other
than pregnancy, labor, and abortion. Polski tygod. lek. 9 no.40:
1287-1288 4 Oct 54.

1. Z Zakladu Medycyny Sadowej A.M. w Krakowie; kierownik: prof. dr
Jan Olbrycht.

(BREAST,
secretion, cytol. aspects)

TOMAS ZEWSKI, RYSZARD

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 4. - Dyeing and Chemical
Treatment of Textile Materials.

H-33

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23557

Author : Ryszard Tomaszewski, Jerzy Zawadzki

Inst : -

Title : Warp Sizing in Wool Industry.

Orig Pub : Przem. włókienniczy, 1957, 14, No 1, 17-19; No 3, 120-125

Abstract : The requirements put to sized warp and the specifications of natural and synthetic substances used as size are presented. The principles of size preparation, in particular of sizes based on starch, are described. The specification of softeners and hygroscopic and antiseptic substances added to sizes is presented. The technology of preparing sizes on vegetable, animal and synthetic bases, as well as technological process of sizing and its control are described.

Card 1/1

Technical analysis of titanium white. J. PAMNAUSER AND S. TOMASIEWSKI.
Macromol. Chem. 14, 353-5 (1930).—The soln. contg. Ti is acidified with HCl with ex-
 clusion of air and then reduced with Zn for about 2 hrs. at 70-80°. High temp. causes
 the pptn. of insol. Ti_2O_3 . The soln. is then either titrated with 0.1 N KMnO_4 at
 60-70° under CO_2 with exclusion of air or is reduced with an excess of ferrous NiSO_4
 -sulfate, which is then titrated back without the need of excluding air. A. C. Z

ASB-56A METALLURGICAL LITERATURE CLASSIFICATION

6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900

BC

Composition of deposit forming on zinc immersed in cupric sulphate solution. I. A. GALECKI and J. TOMASZEWICZ (Rocz. Chem., 1930, 16, 437-471).—The substance of the deposit forming on zinc rods immersed in cupric sulphate solution increases with stirring and with the concentration and acidity of the solutions; at the same time the colour of the deposit becomes lighter. The deposit contains two constituents: (a) a metallic, flexible, red, yellow, or white coating, possessing either a dull or a polished surface; and (b) a dark brown to black powdery or flocculent precipitate. The former consists of metallic copper and zinc in various proportions, probably both as a mixture and as alloys, whilst the latter contains oxides of the two metals, as well as basic sulphates and the free metals.

R. TRUMKOWSKI.

TOMASZEWSKI, J.

"Sim, the aeroplane model for home assembly" p. 122 (Skrzydla I Motor, Vol. 8, no. 8, Feb 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

B-II-11

BC

Photographic Gelatin. R. SPYCHALSKI and J. TOMASZKOWSKI (Przemysl Chem., 1931, 15, 202-213).—
 The higher the initial viscosity of gelatin solutions, and
 the smaller the change of this value, the more
 suitable is the given gelatin for photographic purposes.
 The presence of salts used in photography, such as
 bromides, etc., considerably affects the viscosity of
 gelatin solutions. The m.p. and setting point of gelatin
 solutions are also useful criteria of their technical suitability.
 All salts examined lower the m.p. and l.p.; the action
 of anions being in the order $Cl > Br > NO_3$.
 R. TOMASZKOWSKI.

ASH-31A METALLURGICAL LITERATURE CLASSIFICATION

STOCK SYMBOLS

STANDARD WELDING CODE

ORIENTATIONS

STOCK SYMBOLS

STANDARD WELDING CODE

ORIENTATIONS

TOMASZEWSKI, Roman

Cooperation of publisher and printer. Poligrafika 13
no.8:21-24 Ag '61.

TOMASZEWSKI, Roman

Quality of the production of books. Poligrafika 13
no.7:20-22 Jl '61.

TOMASZEWSKI, Roman

Publisher's proving costs as based on an example of the
Czytelnik Publishing House. Pt.2. Poligrafika 14 no.2:21-24
F '62.

TCMASZEWSKI, Roman

Organization of the course of the production of books.
Poligrafika 13 no.10:21-24. 0 '61.

GOSIEWSKI, Stanislaw, mgr.inz.; TOMASZEWSKI, Ryszard

Cable heads of the GY type for voltage up to 10 kv. Wiad
elektrotechn 30 no.6:211-213 Je '62.

1. P.M.E. Elektrobudowa, Katowice.

1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
PROCESSES AND PROPERTIES INDEX																			
BC										B-II-8									
<p>Analysis of titanium white. J. PFAUNDLER and R. TROSKOWSKI (Fremy's Chem., 1930, 14, 353-355).—Titanium white is fused with potassium hydrogen sulphate, and the residue of the melt is left 2-3 hrs. with about 0.5 g. of zinc and excess of hydrochloric acid. Ferric ammonium sulphate is then added to the solution, and ferrous iron produced by oxidation of titanous acid is titrated with potassium permanganate solution in the presence of K₂Cr₂O₇ reagent. In the presence of a large excess of zinc a correction, amounting to 0.83 c.c. of 0.1N-permanganate per g. of zinc, should be deducted from the number of c.c. of permanganate used.</p> <p>R. TROSKOWSKI.</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNTHESE										FROM ANALYSIS									
SYNTHESIS										ANALYSIS									
SYNTHESIS										ANALYSIS									

Composition of the deposit forming on zinc immersed in copper sulfate solution. II.

A. GALECKI AND J. TOMASZKOWSKI. *Roczniki Chem.* 10, 601-27 (in German 628-9) (1930), cf. preceding abstr. With the increase of temp. the content of Cu in the ppt. decreases and the content of Zn increases. The neg. balance of the reaction is greater the higher the temp. Temps. at which the expt. was performed (18-50°) had no noticeable influence on the appearance and color of the ppt. The addn. of ZnSO₄ to the reaction system lowers the percentage of Zn in the ppt. by an amt. proportional to a certain extent to the amt. of ZnSO₄ added. The neg. balance of the reaction increases with added ZnSO₄. In a quiet electrolyte the addn. of ZnSO₄ has in general no noticeable influence on the external form and consistency of the ppts.; in a stirred soln. addn. of ZnSO₄ causes the formation of more fragile ppts. A considerable portion of Zn is most probably in the form of basic compds. which dissolve in NaOH. In general, the ppt. varies greatly in form and compn. with varying conditions.

J. KUCERA

Composition of the deposit forming on zinc immersed in copper sulfate solution. II.

A. GALICKI AND J. TOMASZEWSKI, *Roczniki Chem.* 10, 601-27 (in German 628-9) (1930); cf. preceding abstr. With the increase of temp. the content of Cu in the ppt. decreases and the content of Zn increases. The neg. balance of the reaction is greater the higher the temp. Temps. at which the expt. was performed (18-30°) had no noticeable influence on the appearance and color of the ppt. The addn. of $ZnSO_4$ to the reaction system lowers the percentage of Zn in the ppt. by an amt. proportional to a certain extent to the amt. of $ZnSO_4$ added. The neg. balance of the reaction increases with added $ZnSO_4$. In a quiet electrolyte the addn. of $ZnSO_4$ has in general no noticeable influence on the external form and consistency of the ppts.; in a stirred soln. addn. of $ZnSO_4$ causes the formation of more fragile ppts. A considerable portion of Zn is most probably in the form of basic compds. which dissolve in NaOH. In general, the ppt. varies greatly in form and compn. with varying conditions. J. KUCERA

ASH S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND COLUMNS		PROCESSING AND PROPERTIES INDEX		3RD AND 4TH COLUMNS	
<p><i>BC</i></p>		<p><i>A-1</i></p>			
<p>Composition of deposit forming on zinc immersed in cupric sulphate solutions. II. A. GABECKI and J. TRUSKOWSKI (Rocz. Chem., 1930, 10, 601-639; J. R., 1930, 823). The copper content of the deposit diminishes with rise of temperature from 18° to 60°; this effect is most marked in dilute solutions (0.01-0.1N). The appearance of the deposit is unaffected by temperature. The addition of zinc sulphate to the solution similarly depresses the copper content of the deposits; at the same time these become less adherent in stirred systems. The copper content of the deposits diminishes as the concentration of zinc in solution increases. Zinc is present in the deposits probably exclusively as oxide or hydroxide. R. TRUSKOWSKI.</p>					
<p>ABB. 5.1A METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>FROM STRIP 100</p>		<p>FROM STRIP 100</p>		<p>FROM STRIP 100</p>	
<p>FROM STRIP 100</p>		<p>FROM STRIP 100</p>		<p>FROM STRIP 100</p>	

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5

Physicochemical properties of photographic gelatin. R. SPYCHALSKI AND J. TOMASZKOWSKI. *Przemysl. Chem.* 15, 252-13(1931). The phys. properties of 7 gelatins of English, German, Swiss and Polish origin were measured with the object of establishing which properties would be most suitable for evaluating com. photographic gelatins. The d. of 0% solns. is practically the same for all samples. Initial viscosity at 40° and at 80°, and still better, change of viscosity after heating for 60 min. at 80°, is the most convenient and a fairly certain means of technical evaluation of gelatins. The higher the viscosity and the smaller its decrease after heating, the better is the grade of the gelatin. The effect of KBr, NH_4NO_3 , NH_4Cl and NH_4Br on the viscosity may be either pos. (up to 30%) or neg. (up to 27%) and should be tested before adoption of the gelatin. Temps. of setting and melting were measured on gelatin solns. up to 10% concn. These measurements and the lowering of the temp.-concn. curves by the addn. of the above photographic salts may serve as addnl. guidance for prep. a gelatin soln.

A. C. ZACHIN

ASD-35A METALLURGICAL LITERATURE CLASSIFICATION

131 AND 132 CROSS

PROCESSES AND PROPERTIES INDEX

133 AND 134 CROSS

COMMON ELEMENTS

OPEN MATERIAL INDEX

USE OF THE DEGEA CARBON MONOXIDE INDICATOR IN MINING. V. TOMASCHUKSKI. GOS-
MARKS 5, 44-5(1933).—This article discusses only the conditions which obtain in Silesian
coal mines. A. L. KIRBY

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

135 AND 136 CROSS

137 AND 138 CROSS

139 AND 140 CROSS

141 AND 142 CROSS

143 AND 144 CROSS

145 AND 146 CROSS

147 AND 148 CROSS

149 AND 150 CROSS

151 AND 152 CROSS

153 AND 154 CROSS

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683 AND 684 CROSS

685 AND 686 CROSS

687 AND 688 CROSS

689 AND 690 CROSS

691 AND 692 CROSS

693 AND 694 CROSS

695 AND 696 CROSS

697 AND 698

I-9, Acids, Alkalis; Salts;

Brit. Abn.

Planning of nitrogen fixation factories. J. Sobolewski, and J. Tomaszewicz (Prace chem. 1949, 5, 103-113).— the ideal lay-out of plants producing H compounds is described. Truscoe.

TOMASZEWSKI, T

TOMASHEVSKIY, Tadeush [Tomanzewski, Tadeusz]

Some difficulties in the development of Polish psychology and
the work done by Polish psychologists. Vop. psikhol. 4 no.4:
149-155 Jl-Ag '58. (MIRA 11:11)
(Poland--Psychology)

JANUSZEWSKA, Hanna, mgr.; TOMASZEWSKI, Wladyslaw, inz.

Relationship between the abrasiveness of building materials on
Böhme's disc with the use of abrasive dust Naxos 80 and aloxite
dust B No. 80. Przegl budowl i bud mieszk 34 no.4/5:294
Ap-My '62.

TOMASZEWSKI, Wladyslaw

Poland

no title given

no affiliation given

Warsaw, Przegląd Geograficzny, Vol 34, No 3,
1962, pp 509-524.

"Applying Linear Programming for Research on
Rational Transportation".

TOMASZEWSKI, Zygmunt

3 new enterprises of the key industry will be established in the
Zielona Gora Voivodeship. Przegl techn no.40:12, 13 7 0 '62.

TOMASZEWSKI, Z.

Preliminary research on the culture of isolated embryos
of leguminous plants under artificial conditions. Zesz
probl post nauk roln no.20:73-87 [1961?]

TOMASZEWSKI, Zygmunt

Present state of agriculture, horticulture, and agricultural sciences
and research in the Netherlands. Postepy nauk roln 9 no.5:109-119 S-0
'62.

1. Pracownia Roslin Pastewnych, Instytut Hodowli i Aklimatyzacji
Roslin, i Katedra Hodowli Roslin i Nasiennictwa, Wyzsza Szkola
Rolnicza, Olsztyn.

TOMASZKIEWICZ, Leon, inz.

Achievements of the Petroleum Institute as presented on the occasion
of the Miners' Festival in Krakow. Nafta Pol 19 no.1:4-6 Ja '63.

ROZNIIECKI, Jerzy; TOMASZKIEWICZ, Lucyna

On properties and diagnostic and prognostic significance of not suitable for cultivation strains of Koch's bacilli visible under direct examination. Gruzlica 33 no. 11:1187-1192 N ' 65.

1. Z Kliniki Ftizjatrycznej AM w Łodzi (pełniący obowiązki Kierownika: doc. dr. med. W. Sosnowski.

BARTOSZEK, Boleslaw, inz.; TOMASZKIEWICZ, Tadeusz, inz.

Development trends of the English power plants. Energetyka
16 no.5:133-138 My '62.

TOMASZKIEWICZ, T.

Tomaszkiewicz T.,

Tomaszkiewicz T., Eng. and Wojciechowski J., Eng. "Coal Storage".
(Skladowanie wegla). Energetyka. No 3-4, 1950, pp. 91-97, 2 figs,
4 tabs.

Means of preventing spontaneous ignition of coal stored, and a method of combating fire outbreak centres on coal dumps. Methods of proper coal storage - types of flooring and the influence of such on the coal stored. Methods of arranging coal dumps; dimensions, according to the quality of the coal. Observations of coal dumps and temperature recording. Protection of coal dumps from spontaneous ignition. Losses, in consequence of mechanical and chemical factors, in handling and storage of coal and means of avoiding such losses.

SO: Polish Technical Abstracts - No. 2, 1951

2442

639.177.251.226 669.14.018.39

Tomazczyk W. Creep in Construction Problems.

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TOMAZIC, B.; BRANICA, M.; TEZAK, B.

Precipitation and hydrolysis of uranium (VI) in aqueous solutions: uranyl nitrate-potassium hydroxide-neutral electrolyte. Croat chem acta 34 no.1:41-50 '62.

1. Department of Physical Chemistry, Institute "Ruder Boskovic" and Laboratory of Physical Chemistry, Faculty of Science, University of Zagreb, Zagreb, Croatia, Yugoslavia.

TOMAZIC, J.

Obstructing and fighting military obstacles by smaller tactical units, p. 17

VOJNI GLASNIK (Jugoslavenska narodna armija) Beograd, Yugoslavia.
Vol. 13, no. 1, Jan. 1959

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Uncla.

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1950, pp. 387-394, 12 figs., 1 tab., No 1-2, 1951 pp. 14-23, 13 figs.,
3 tabs., No 3-4, 1951, pp. 75-85, 12 figs.

Basic values characteristic of the water cooling systems in power
stations. Division of the water cooling systems into main types. Cho-
led systems. Types and construction of cooling towers. Basic figures

characteristic for the operation of cooling towers. Explanation of the
sequence of processes occurring in cooling towers. Procedure in de-
signing natural-draft cooling towers. Water losses in closed water
cooling systems. Selection of the proper type and size of cooling to-
wers in accordance with conditions (technical and meteorological)
of operation. Guarantees required from the makers of cooling to-
wers. Rational exploitation of cooling towers in the thermal cycle of
electric power stations, and control of performance results. Current
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spontaneous ignition and of combating fire, storage methods, floors,
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„Składowanie węgla”. Energetyka. No 3—4, 1950, pp. 91—97, 2 figs.,
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2150. POWER STATION THERMAL PRACTICE AND IMPROVEMENTS. Tomaszewicz, T and Wojciechowski, J (Przeglad Elektrotechniczny, Aug. 1949, vol. 25, 191-207). On the basis of foreign practice, a study is made of efficiency characteristics of power stations. Line losses are analysed for a typical plant with 20% efficiency. Thermal control devices are touched up, together with metering and recording systems. An operation index is proposed to serve as basis for completion between plants with different equipment and operating conditions.																																																																																																													
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Gages for Measurement of Stress.
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Experimental studies on the so-called cardiosedative action of some psychotropic drugs and the relation of the tonus of coronary vessels on heart contractions. Acta physiol. Pol. 16 no.1: 117-130 Ja-F'65.

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Increased disposable power and work economy of LMZ 50 MW power units.
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1. Elektrownia Jaworzno II.

TOMASZEWSKI, Zdzislaw (Warszawa)

New type hoisting tower. Przegl budowl i bud mieszk 35
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1. Kierownik Katedry Hodowli Roslin, Wyzsza Szkola Rolnicza, i Pracowni Roslin Pastewnych Instytutu Hodowli i Aklimatyzacji Roslin, Olsztyn.

TOP SECRET, L.

"Victory of Gilmor in Gorlice in the Fight for Fulfillment of the Plan",
p. 161, (MFT, Vol. 8, No. 6, June 1952, Krakow, Poland)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, No. 5,
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TOMASZKIEWICZ, Leon

Tomaszkiewicz, Leon: WIEK NAFTOWY (PETROLEUM AGE), Warsaw: Panstwowe Wydawniwo Naukowe, 1956.

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TOMASZEWSKA, L.; MATAWONSKI, A.; ZACHAREWICZ, W.

"Investigation of Variation in the Composition of the Polish Balsamic Turpentine Oils." P. 11, (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 1, Jan. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

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21(4)

PHASE 1 BOOK EXPLORATION

FD-302a (Rev. 11-29-90)

Volyn, J. Professor, Engineer; Mr. Chajko, Master in Sciences
Mr. Yasser, Master in Engineering; R. O. Zaslav, Master in
Engineering; J. G. Gromoskorski, Doctor, Doctoral Degree
Engineer; Docent; G. M. Matuszelski, Doctor, Doctoral Degree
Mikura, Docent; Master in Sciences; St. Nienkowski, Docent,
Doctor; J. Ostrowski, Docent; Engineer; St. Szumowski,
Docent; Professor; W. J. Jassarski, Engineer and A.
Witkowska, Docent; Engineer.

Danzholo 1st priyoy Institutu Neftorego, 1945 - 1956 (twelve
 years work of the Petroleum Institute, 1945 - 1956) Kaitovskoe,
 NG-18, 1957. 130 p. Khrasta slip inserted. 1,555 copies printed.

Tech. Ed.: S. Minto.

FORNOST: This book is intended to introduce readers to the development and activities of the (Polish) Petroleum Institute from 1945 to 1956.

COVERED: The book describes the organizational structure and activities of the Petroleum Institute since its foundation in Krasno in 1945. It includes photos of buildings, laboratories, equipment, and personnel of the Institute, and gives the names of the scientists. The bibliography of publications of the Institute is included. The Institute cooperates with scientific institutes of 16 foreign countries.

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General Characteristics of the Work of the Institute	14
Scientific Personnel of the Institute	26
Listing of Scientific Research Studies	20
Cooperation With Foreign Countries	85
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AVAILABLE: Library of Congress	

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TOMASZKIEWICZ, L.

"A Dizzy Career." p. 290 (HORYZONTY TECHNIKI, Vol. 6, No. 7, July 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No.10, October 1953. Unclassified.

APPROVED FOR RELEASE: 04/03/2001

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11(4)

PHASE I BOOK EXPLOITATION

POL/2388

Tomaszkiewicz, Leon

Wiek nafty (The Petroleum Age) Warsaw, PWN, 1956. 264 p. (Series: Biblioteka problemow) 5,159 copies printed.

Eds.: Jozef Kulesza and Danuta Celinska; Tech. Ed.: Zofia Mazur.

PURPOSE: This book is intended for the general reader interested in the role petroleum plays in the national economy.

COVERAGE: The author gives, in nontechnical language, a review of the petroleum industry in its development through the ages. The text includes basic information on the geology, methods for locating oil deposits, oil field exploitation, and oil processing. A considerable part of the book is devoted to the development of the Polish petroleum industry. Several of the illustrations show Polish equipment and scenes from Polish oil fields. No personalities are mentioned. There are 20 references; 8 Polish, 2 Russian, 3 French, 2 German, and 5 English.

Card 1/3

The Petroleum Age

FOL/2388

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FOL/2388

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TOMASZKIEWICZ, Z.

"Cooperation of Water-power Stations in Hydroelectric Systems." p. 188 (GOSPODARKA WODNA, Vol. 13, No. 5, May 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10, October 1953. Unclassified.

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JEZYNA, Czeslaw; KARWOWSKA, Krystyna; LOTECKA, Krystyna; SZPAKOWICZ, Teresa
and TOMASZKO, Helena; Clinic of Infectious Diseases of Academy of Medicine
(Klinika Chorob Zakaznych AM) and Regional Sanitation and Epidemiology Station
(Wojewodzka Stacja Sanitarno-Epidemiologiczna), Bialystok

"Causative Agents and Clinical Patterns of Bacterial Food Poisoning."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; pp 224-225.

Abstract: Data on 217 patients with food poisoning treated 1961 to 1963; ages were 10 to 70, mostly 21-40 (114 persons). Ice cream was responsible in 10, canned or prepared fish in 24, mushrooms in 24. Of 217 fecal specimens tested bacteriologically, 20 were positive; of 110 gastric contents specimens, 42 were positive. The most frequent bacteria involved were Staphylococcus aureus (18 cases), Escherichia coli in 20, Streptococcus hemolyticus 9, Salmonella typhimurium in 7. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists, Krakow, 5-6 Oct 64.

Orig. art. has: 1 table. [JPRS]

TOPIC TAGS: bacteria, bacteriology, bacterial disease, digestive system disease

SUB CODE: 06 / SUBM DATE: none

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LADOSZ, J.; TOMASZKO, H.; KOLLOTO, B.

Dysentery in the Bialystok during 1953. Przegl. epidem. Warsz. 9
no.2:81-94 1955.

1. Z. Zakładu Epidemiologii Państwowego Zakładu Higieny i
Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Białymstoku.
(DYSENTERY, BACILLARY, epidemiology,
in Poland)

EXCERPTA MEDICA Sec 17 Vol. 2/5 Pub. Health May 56
TOMASZUNAS, S.

600. SKRODZKI E. and TOMASZUNAS S. Inst. Med. morskiej, Gdańsk. *Badania nad żywą szczepionką przeciw tularemii. I. Slabo zjadliwe szczepy bacterium tularense i ich własności uodparniające. Investigations on tularaemia living vaccine. I. Weakly virulent strains of B. tularense and their immunizing properties PRZEGŁ. EPIDEM. 1955, 9/3 (199-210) Tables 7

The virulence and immunizing properties of 3 strains of B. tularense which had spontaneously lost their virulence while being cultured on an artificial medium were carefully investigated. Two of these were isolated in Poland and one was obtained in freeze-dried state from the USSR. It was ascertained that they answer the requirements of Soviet research-workers for living tularaemia vaccines. These strains showed no tendency to increase their virulence during repeated passages through white mice. Agglutinins were demonstrated in the blood of guinea-pigs immunized with these 3 strains of B. tularense. Their titre was from 1:10 to 1:1280, 29 days after inoculation, depending on the dose of vaccine and the individual reaction of the animals. White mice and guinea-pigs inoculated s.c. with a suspension of the live strains under investigation survived control infection with 1,000-10,000 LD of toxic tularaemia organisms. Using intradermal inoculation, one of the strains investigated immunized white mice to a weaker degree than the other 2 strains. The authors conclude that the 3 strains of B. tularense examined are suitable for the preparation of living vaccines for man.

From authors' summary

EXCERPTA MEDICA Sec 4 Vol. 10/10 Microbiology Oct 57

TOMASZUNAS, S.

2347. SKRODZKI E. and TOMASZUNAS S. Państw. Inst. Med. Morsk. i Trop., Gdańsk. *Immunizing properties of strains of *B. tularensis* of slight virulence (Polish, Russian, and English texts) BIUL. PAŃSTW. INST. MED. MORSK. TROP. GDANSK 1956, 7 (86-108) Tables 2

Two almost avirulent strains of *B. tularensis* and 1 strain of the same species from the USSR were tested for virulence and immunizing capacity. White mice and guinea-pigs inoculated with living suspensions presented good agglutinin formation and were immune against infection with a multiple lethal dosing with virulent germs. Repeated passages through mice did not cause an increase of virulence. The strains examined are suitable for the preparation of living vaccines for mass inoculation in man.

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rodents, mass bacteriol. exam. of rodents in endemic areas)

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L. J. Piotrowski

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 none, and 5,12-tetracenequinone are investigated. The
 absorption spectrum of the p-benzoquinone shows con-
 siderable changes in the visible and ultraviolet spectral
 region, which correspond to a time dependent equil. be-
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 anthraquinone similar changes are found, but only in acid
 solns.
 George Meisner

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The light absorption of heterocyclic compounds containing a nitrogen atom. *Friedrich Tomblin (Univ., Szeged Hungary). Magyar Kém. Folyóirat 56, 173 (1950).*—The structure of the absorption curves of naphthalene, quinoline, isquinoline, and quinoxaline is explained on the basis of the oriented light absorption. Naphthalene showed, besides a high-intensity band at 275 mμ, a lower-intensity band at 300 mμ, the former being the π , the latter the π^* band. A third band was also observed at 310 mμ. 2-naphthylamine showed a single band at 310 mμ. π bands of quinoline and isquinoline appeared at 260 mμ, π^* bands at 290 mμ. The intensity of π band was high for quinoline, low for isquinoline; this is explained by a higher probability of π polarization in the case of quinoline. Quinoxaline showed its π band at 310 mμ, π^* band at 270 mμ, near to those of naphthalene. The comparison of the absorption curves proved that N atoms in the ring affect the absorption curves as if they were located as substituents. The effect of N atoms on the probabilities of polarization is, however, much weaker in a N atom in the ring than in N as a substituent. István Fényes

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Light absorption of aza compounds. F. Tombácz
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Phys.* 3, 50-8 (1950) (in German). The extinction curves
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HUNGARY/Optics - Spectroscopy.

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Abs Jour : Ref Zhur Fizika, No 10, 1959, 23690
Author : Horvath, E., ~~Tombacz, E.~~
Inst : The University, Szeged, Hungary
Title : Remarks on the Change in Absorption of Light by Certain Quinones
Orig Pub : Acta phys. et chem. Szeged., 1958, 4, No 3-4, 103-106
Abstract : A study was made of the absorption spectra of solutions of n-benzoquinone, 1, 4-naphthoquinone, 9, 10-antraquinone, and 5, 12-tetracenquinone. It was established that the absorption spectra of the n-quinone changed considerably (both in the visible and in the ultraviolet regions) with time as the specimens are stored under laboratory conditions (20° C in scattered sunlight). In the case of 9, 10-antraquinone such a change is observed only in acid

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Effect of the solvent on the fluorescence spectrum of tryptaflavine and fluorescein. Acta phys Hung 16 no. 4:367-371 '64.

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